

CLAIMS

1. A photoelectric cell including an optoelectronic receptor circuit provided with a photoreceptor component, the photoreceptor area of which is able to receive a spot of light

5 characterized by the fact that:

- the photoreceptor surface of the component (11) has two juxtaposed photoreceptor areas (Z1, Z2), wherein these areas differ by their microelectronic nature,
- 10 - the cell has means (I1) for assigning the photoreceptor circuit to a reflex operating mode or to a proximity operating mode,
- the first photoreceptor area (Z1) is provided with a first output (A1), enabled in the reflex
- 15 operating mode,
- the second area (Z2) is provided with analog detection of position of the spot of light and is provided with a second output (A2), enabled in the proximity operating mode.

20 2. The cell according to claim 1, characterized by the fact that:

- the first area (Z1) is a photodiode area,
- the second area (Z2) with analog detection of position is provided with a third output (A3), wherein
- 25 the second output (A2) forms the close channel, and the third output (A3) forms the remote channel of this area for analog detection of position, respectively,
- the means for assigning the reflex or proximity operating mode is a switch (I1), wherein the

first and second outputs (A1, A2) may be switched to a processing circuit (12) by means of the switch (I1).

3. The cell according to claim 2, characterized by the fact that both areas (Z1, Z2) have a common
5 cathode.